

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/046,710
Confirmation Number	4857
Filing Date	January 17, 2002
First Named Inventor	Yasumichi KUWAYAMA
Art Unit	2831
Examiner Name	Chau U. NGUYEN
Attorney Docket Number	Q68136

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
CN		US 3,834,004		09/10/1974	Ayers
CN		US 1,827,297		10/13/1931	Moore
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
CN		DE	298 06 778	U1	09/02/1999	Grote & Hartmann GmbH & Co KG	
		JP	7-161392		06/23/1995		
		DE	693 02 525	T2	07/22/1993	Aerospatiale	
		DE	694 03 299	T2	04/05/1995	Aerospatiale Societe Nationale Industrielle	
		DE	89 12 290		12/28/1989		
		DE	77 12 883		09/01/1977	Gottfried Hagen AG	
		DE	42 41 456	A1	08/05/1993	Israel Aircraft Industries, Ltd.	
		DE	100 45 263	A1	03/28/2002	ITT Manufacturing Enterprises, Inc.	
		DE	298 20 129	U1	05/04/2000	Pfeifer Seil-und Hebeteknik GmbH & Co.	
		DE	28 34 360		02/14/1980	Fritz Werner Industrie-Ausrustungen GmbH	
		EP	0 087 072	B1	02/05/1986	Gebr, Feiss GmbH & Co.	
		EP	0 086 459	B1	02/10/1983	Gebr, Feiss GmbH & Co.	
CN		JP	2-12680		01/26/1990		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>Chau Nguyen</i>	Date Considered	3/16/04
--------------------	--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.